

Rototech® AESPROT-BCO

Description: Linear low density polyethylene additived with foaming agents and uv stabilizer, color white for rotational molding foam.

Folio: HT-005-16

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ROTOMOLDING



PROPERTY	INTERNAL METHOD/ REFERENCE	VALUE	PROPERTY
PHYSICAL			
Flow Index @ 190°C / 2.16 kg	ASTM D1238	5.0	g/10 min
Density	ASTM D792A	0.936	g/cm ³
MECHANICAL			
Tensile Streght at Yield	ASTM D638	2,700	psi
Elongation at Yield	ASTM D638	11.8	%
THERMAL			
Bending temperatura under load HDT @ 1/4" 66psi	ASTM D 648	50	°C
PROCESSABILITY			
Particle Size Mesh 35	ASTM 1921	< 2.0	%
Bulk Density	ASTM D1895	0.33 - 0.39	g/cm ³
Dry Flow	ASTM D1895	2.5 - 4	g/seg

Uses & suggestions:

The AESPROT-BCO is a linear low density polyethylene additive uv stabilizers and special foaming agents obtaining a smooth surface. It has a good performance for water containers, this material contains UV stabilizers and antioxidants to ensure maximum performance and mechanical properties. This product may be in contact with food according to FDA's 21 CFR 177.1520. The material provides a good surface finish and white tonality when decomposing the foaming additive.

The information and recomendations this publication are, to the best of our knowledge suggestions concerning uses and applications are only the opinion of **Polimeros Nacionales, S.A. de C.V.** and uses should perform their own test to determinate the suitability of these products for their own particular pourposes. However, because of numerous factors affecting the results. **Polimeros Nacionales, S.A. de C.V.** MAKES NO WARATY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PORPUSE. Visit www.polnac.com for more information.

